

WHAT IS CLAIMED IS:

1. A glass composition useful in preparing fiberglass, comprising:

SiO_2	52-62 wt. %
B_2O_3	3.5-5.5 wt. %
CaO	18-25 wt. %
MgO	0.5-4 wt. %
Al_2O_3	10-15 wt. %
Na_2O	0.25-2 wt. %;

and wherein the glass composition has an HTV of no greater than 2300°F and a liquidus temperature at least 150°F less than the HTV temperature.

2. The glass composition of claim 1, wherein the amount of SiO_2 ranges from 53 to 57 wt. %.

3. The glass composition of claim 2, wherein the amount of B_2O_3 ranges from 4 to 5 wt. %.

4. The glass composition of claim 1, wherein the amount of CaO ranges from 20-24 wt. %.

5. The glass composition of claim 1, wherein the amount of MgO ranges from 1-3.5 wt. %.

6. The glass composition of claim 1 wherein the amount of Al_2O_3 ranges from 12-15 wt. %.

7. The glass composition of claim 1, wherein the amount of Na_2O ranges from 0.5-1.5 wt.%.

8. The glass composition of claim 1, wherein the composition contains the following amounts of ingredients:

SiO_2	53-57 wt. %
B_2O_3	4-5 wt. %
CaO	20-24 wt. %
MgO	1-3.5 wt. %
Al_2O_3	12-15 wt. %
Na_2O	0.5-1.5 wt. %.

9. The glass composition of claim 8, wherein the amount of SiO_2 ranges from 54-56 wt. %.

10. The glass composition of claim 8, wherein the amount of CaO ranges from 21-23.5 wt. %.

11. The glass composition of claim 10, wherein the amount of MgO ranges from 1.5-3 wt. %.

12. The glass composition of claim 8, wherein the amount of Al_2O_3 ranges from 14-15 wt. %.

13. The glass composition of claim 1, wherein the HTV is less than 2250°F.

14. The glass composition of claim 1, wherein the HTV is less than 2200°F.

15. The glass composition of claim 1, wherein the liquidus temperature is at least 160°F less than that of the HTV temperature.

16. The glass composition of claim 1, wherein the amount of B_2O_3 ranges from 4.5 to 5.0 wt.%.